DOCUMENT RESUME

ED 061 044 SE 013 269

AUTHOR Luedtke, John R.
TITLE Directory of Marine and Marine Related Information Resources at the University of Wisconsin. Part I, Reference and Referral Resources.
INSTITUTION Wisconsin Univ., Madison.
REPORT NO WIS-SG-71-104a
PUB DATE 70
NOTE 33p.

EDRS PRICE MF-$0.65 HC-$3.29
DESCRIPTORS *Directories; Earth Science; Facilities; *Marine Biology; *Oceanology; Resource Materials; *Resources

ABSTRACT

This volume, part one of a two-volume directory, contains listings and descriptions of reference and referral resources for marine and marine-related information. These resources include the reference and referral services of the University of Wisconsin, other regional libraries and information centers, selected national oceanographic data centers, and local, regional, and selected national marine research laboratories and centers. (PR)

ED 061044

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Public
Information
Report #4
1970

THE UNIVERSITY OF WISCONSIN SEA GRANT PROGRAM

DIRECTORY of MARINE and MARINE-RELATED INFORMATION RESOURCES at THE UNIVERSITY of WISCONSIN

PART I. REFERENCE and REFERRAL RESOURCES

WIS-SG-71-104a

1

SE 013 269

DIRECTORY OF MARINE AND MARINE RELATED INFORMATION RESOURCES AT THE UNIVERSITY OF WISCONSIN

PART I. REFERENCE AND REFERRAL RESOURCES

Prepared by: John R. Luedtke

INFORMATION SERVICES DIVISION

December 1970

Public Information Report #4

WIS-SG-71-104a

THE UNIVERSITY OF WISCONSIN SEA GRANT PROGRAM

The University of Wisconsin

UNIVERSITY-INDUSTRY RESEARCH PROGRAM

John R. Luedtke
Sea Grant Program
INFORMATION SERVICES DIVISION
1324 WEST DAYTON STREET
MADISON, WISCONSIN 53706
(608) 262-5913

September, 1970

M E M O R A N D U M

To: All recipients of the Reference and Referral Resources section of the Directory of Marine and Marine Related Information Resources.

Subject: Your reaction.

It will be very useful for us to know your reaction to this Directory. Only through your individual critiques will we be able to fit the directory concept to your respective needs.

To what degree is the Directory useful to you?

What sections could you make use of? What ones could you not? Why?

How would you improve this Directory?

Other comments and suggestions:

Feel free to continue your comments on the other side of this page. Please return this questionnaire to the above address at your earliest convenience. Thank you for your assistance and cooperation in this effort.

JRL

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INTRODUCTION

INTRODUCTION

Modern science has generated a number of important multi-disciplinary fields. The information support required by such fields goes beyond that supplied by traditional library systems. This Directory of Marine and Marine Related Information Resources at the University of Wisconsin is intended to help meet this new demand in the area of oceanography, an area which involves such diverse disciplines as bacteriology, botany, engineering, geology, geophysics, meteorology, and zoology. It consolidates a wide range of information resources of use to industrial, governmental, and university personnel involved in the marine sciences.

The Directory is divided into two separate parts. PART I: REFERENCE AND REFERRAL RESOURCES contains listings and descriptions of this university's reference and referral services, other regional libraries and information centers, selected national oceanographic data centers, and local, regional, and selected national marine research laboratories and centers. PART II: LIBRARY AND FILM RESOURCES identifies and locates periodicals, indices and abstracts, bibliographies, monographs, films, and filmstrips, available within the university's library network.

Since potential user needs will vary considerably, it is felt that a two-part format will allow greater flexibility in usage. One or both parts will be distributed on a general evaluation of the recipient's requirements. Additional copies of both parts are available upon request from the University of Wisconsin Sea Grant Information Service. Because this is an exploratory effort in multidisciplinary services, changes will undoubtedly be necessary to best fulfill the Directory users' needs. A memorandum form has been included as a preface to each volume of this Directory to accommodate suggestions.

LeRoy G. Zweifel
Director
Information Services

REFERENCE AND REFERRAL SERVICES

REFERENCE AND REFERRAL SERVICES

I. University of Wisconsin

A. UNIVERSITY-INDUSTRY RESEARCH PROGRAM

Address: University-Industry Research Program
The University of Wisconsin
905 University Avenue, Room 301
Madison, Wisconsin 53706

Information Telephone: (608) 262-2021

Office Hours: 8:00-4:30 Monday thru Friday

Director: John A. Duffie

General Objectives of the Program:

The University-Industry Research Program provides convenient access for Wisconsin firms to a diversified resource of scientific, engineering, and management knowledge which can be vital to economic progress. Established by the faculty to facilitate cooperation with industry, the program draws upon the stores of information and special competences uniquely available at an educational and research center such as the University of Wisconsin.

As an activity of the Graduate School, UIR selects its staff members from pertinent academic departments with regard for their professional experience and interest in industrial areas. Acting as a catalyst, UIR draws upon the total resources of the University to provide effective assistance in industrial growth and development.

Services and Materials Provided:

Information Services; UIR publishes the Research Newsletter, which describes the work of University scientists; and

directories of the faculty and their research interests. These publications are available on request.

Research Capability; Industrially sponsored research, compatible with the University's educational responsibilities, can be arranged in many areas of mutual interest to the faculty and industry. Such cooperative research can develop knowledge useful in the industrial, scientific, and educational communities and bring beneficial ties between industry and the University's faculty members and students.

Consulting Assistance; The University faculty includes many experts in fields pertinent to industry. UIR assists in identifying individuals who can render valuable consulting services.

Special Facilities; University laboratories contain much unique experimental equipment, such as computers, analytical instruments, electron microscopes, and nuclear reactors. Industry can arrange to use this equipment as appropriate.

Examples of special facilities that can be useful to industry are the Physical Sciences Laboratory, the Spray-Drying Laboratory, the Design Engineering Laboratory and the Instrumentation Systems Center.

Continuing Education; The University, through the Graduate School and University Extension, offers a variety of credit and non-credit continuing education programs for those in industry. In cooperation with UIR, special meetings and conferences on research developments and industrial opportunities are also presented.

B. INFORMATION SERVICES DIVISION/UNIVERSITY INDUSTRY RESEARCH

Address: Information Services Division/University
Industry Research
The University of Wisconsin
1324 West Dayton Street
Madison, Wisconsin 53706

Information Telephone: (608) 262-5913

Office Hours: 8:00-4:30 Monday thru Friday

Director: LeRoy G. Zweifel

General Objectives of the Program:

To act as an information clearinghouse for Wisconsin business and industry.

Services and Materials Provided:

On site use of University materials. Quick reference service. Extensive consultation or assistance by appointment.

Location and loan of books in all University of Wisconsin (Madison campus) libraries consistent with established policies.

Location, loan or reproduction of periodicals articles from Madison campus libraries or off campus.

Use and assistance in procurement of ACE, NASA and other federal report collections.

Services are not limited to the above ... new ones are being developed to keep pace with growing needs.

For fee schedule contact ISD direct.

C. WATER RESOURCES CENTER

Address: Water Resources Center
Hydraulics and Sanitary Laboratory
University of Wisconsin
Madison, Wisconsin 53706

Information Telephone: (608) 262-3577

Office Hours: 7:45-4:30 Monday thru Friday

Administration: Gerard A. Rohlich, Director
Irving K. Fox, Associate Director
James E. Kerrigan, Assistant Director

General Objectives of the Program:

The basic purpose of the Water Resources Center is to foster a dynamic and effective water research program in the State of Wisconsin. In addition to this basic objective, the Center is to encourage the

development of strong curricula, to promote the dissemination of information, and to cooperate with extension activities related to water resources management problems, policies and programs.

Services and Materials Provided:

Water Resources Center acts as a "water information center", expecially for those research and extension activities that are underway in the State of Wisconsin. A number of newsletters covering specific subjects or professional areas or regions are collected for ready reference. The Center has emphasized research on eutrophication and interdisciplinary studies having a direct relevance for policy with regard to water quality management. Several research projects related to these main areas are currently underway as well as a number of projects that address other water resource topics.

Individuals wishing to obtain general or specific information may contact the Center. If the members of the staff are unable to provide the needed information, they will assist in identifying specialists who will be qualified to help them. The University Extension services that are closely integrated with the Center are especially helpful with requests from citizen groups and individuals.

The Water Resources Reference Room, which is located in the Center, has over 5,000 documents organized into a keyword indexing and computer based retrieval system. A reference assistant is available for describing the use of the system and to assist in identifying materials of interest to the users. Documents may be used in the Reference Room or taken on short-term loan by faculty, students, and interested citizens.

D. EUTROPHICATION INFORMATION PROGRAM

Address: Eutrophication Information Program
1324 W. Dayton Street
Madison, Wisconsin 53706

Information Telephone: (608) 262-3270

Office Hours: 7:45-4:30 Monday thru Friday

Director: Dr. Gerald A. Rohlich

Objectives of the Program:

The primary goal of the Eutrophication Information Program is to serve the scientific community by expediting the exchange of information. In an attempt to achieve this goal, three interrelated functions have been established.

a. Abstracting - Pertinent articles are identified and abstracts are prepared by staff personnel with various scientific backgrounds. Abstracts are distributed via "Selected Water Resources Abstracts," a publication of the U. S. Department of the Interior, and via "Eutrophication Abstracts," a bulletin of the Eutrophication Information Program.

b. Literature reviews - The intent of this activity is to provide reviews which not only summarize research findings but also include critical assessments of results and focus attention on areas which need further study.

c. Referral service - This activity is designed to channel technical inquiries to the appropriate individuals within the University of Wisconsin such that competent assistance may be made available.

Services and Materials Provided:

A monthly bulletin, "Eutrophication Abstracts," is distributed without charge. In addition to abstracts, the bulletin contains a list of current acquisitions to the document collection. This list identifies pertinent articles from a broad spectrum of sources.

Literature reviews will be distributed periodically and a fee may be charged.

At the present time the Eutrophication Information Program is not able to provide copies of articles from the document collection; however, plans are underway to make copies available with an appropriate fee schedule.

Holdings:

As of January, 1970, approximately 1,400 specialized documents and reports were contained in the document collection.

Comments:

The Eutrophication Information Program is sponsored jointly by the Soap and Detergent Association, the U.S. Department of the Interior (Office of Water Resources Research and Federal Water Pollution Control Administration), the U.S. Department of Agriculture and the University of Wisconsin.

E. INSTRUMENTATION SYSTEMS CENTER

Address: Instrumentation Systems Center
511 Engineering Research Building
1500 Johnson Drive
Madison, Wisconsin 53706

Information Telephone: (608) 263-1552

Office Hours: 8:00-5:00 Monday thru Friday

Director: N. E. Huston

General Objectives of the Program:

Assistance in the research, development and design of instruments.

Services and Materials Provided:

Collaborative research, development, engineering, design and fabrication support for special instruments, devices and measurement techniques; instrument maintenance and repair; calibration and standardization; shop services.

Facilities include 28,000 square feet of fully equipped laboratory, office and shop space.

F. MARINE RECREATION RESOURCE DEVELOPMENT

Address: RECWAT Computerized Bibliographic Retrieval System
c/o Dr. Robert B. Ditton
University of Wisconsin-Green Bay
Green Bay, Wisconsin

Director: Robert B. Ditton

General Objectives of the Program:

The program seeks to integrate the wide variety of disciplines involved in water recreation resource planning, development, and management by means of an intensive retrieval of pertinent literature. Research literature published after January 1, 1960 has been and is continually being identified, reviewed, evaluated, and documented.

Services and Materials Provided:

The computerized bibliographic retrieval system (RECMAT) is now available as a service to investigators in this field. Using keyword inputs, an investigator can receive those bibliographic notations pertinent to his request for information. In addition to up-to-date bibliographies, a copying service makes hard copy available to users.

II. REGIONAL LIBRARIES WITH SPECIALIZED COLLECTIONS IN THE AREA OF MARINE STUDIES

ILLINOIS

THE CHICAGO PUBLIC LIBRARY
Applied Science and Technology Department
78 East Washington Street
Chicago, Illinois 60602
Navigation

DEARBORN CHEMICAL COMPANY LIBRARY
1029 West 35th Street
Chicago, Illinois
Corrosion, Protective Coatings

ILLINOIS STATE WATER SURVEY LIBRARY
Department of Registration and Education
605 East Springfield Avenue
Champaign, Illinois 61820 (217) 333-4956
Water Pollution, Water Resources

NALCO CHEMICAL COMPANY LIBRARY
6216 West 66th Place
Chicago, Illinois (312) 767-7240
Corrosion

UNIVERSITY OF ILLINOIS

Geology Library
223 Natural History Building
Urbana, Illinois 61803
Oceanography

Natural History Survey Library
196 Natural Resources Building
Urbana, Illinois 61803 (217) 344-0491
Aquatic Biology

W. R. GRACE AND COMPANY - DEARBORN CHEMICAL DIVISION LIBRARY
320 Genesee Street
Lake Zurich, Illinois 60047 (312) 483-8241
Water Pollution

INDIANA

INDIANA UNIVERSITY AND INDIANA GEOLOGICAL SURVEY
Geology Library
1005 East 10th Street
Bloomington, Indiana 47401
Oceanography

MICHIGAN

INSTITUTE FOR FISHERIES RESEARCH LIBRARY
Michigan Department of Conservation
University Museums Annex
University of Michigan
Ann Arbor, Michigan (313) 663-3554
Fisheries, Great Lakes

MICHIGAN STATE LIBRARY
125 East Shiawassee Street
Lansing, Michigan
Fishes

U.S. FISH AND WILDLIFE SERVICE
JOHN VAN OOSTEN GREAT LAKES FISHERY RESEARCH LIBRARY
Bureau of Commercial Fisheries
Biological Laboratory
1451 Green Road
Ann Arbor, Michigan 48107 (313) 663-8541 X 461
Fisheries, Water Pollution, Great Lakes

UNIVERSITY OF MICHIGAN

Engineering - Transportation Library
312 Undergraduate Library Building
Ann Arbor, Michigan 48104
Marine Engineering

Museums Library and the Natural Science-Natural Resources Library
2500 Museums Building and 3140 Natural Science Building
Ann Arbor, Michigan
Fisheries, Fishes

MINNESOTA

ARCHER DANIELS MIDLAND COMPANY-TECHNICAL INFORMATION GROUP
T.L. Daniels Research Center
10701 Lyndale Avenue, South
Minneapolis, Minnesota 55420 (612) 888-7931
Protective Coatings

ECONOMIC LABORATORY, INC.-INFORMATION CENTER
Guardian Building
4th and Minnesota Streets
St. Paul, Minnesota 55101 (612) 224-9471
Corrosion

U.S. FISH AND WILDLIFE SERVICE REGIONAL OFFICE LIBRARY
Bureau of Sport Fisheries and Wildlife
1006 West Lake Street
Minneapolis, Minnesota 55408 (612) 334-2879
Fish, Water Pollution

UNIVERSITY OF MINNESOTA

Fisheries and Wildlife Library
St. Paul Campus, Entomology
St. Paul, Minnesota 55101 (612) 647-3514
Fisheries

OHIO

CLEVELAND PUBLIC LIBRARY, MUNICIPAL REFERENCE LIBRARY
211 City Hall
601 Lakeside Avenue
Cleveland, Ohio 44114
Water Pollution

GLIDDEN COMPANY RESEARCH LIBRARY
12430 Elmwood Avenue
Cleveland, Ohio 44111 (216) 252-2700 X 26
Protective Coatings

OHIO STATE UNIVERSITY

Franz Theodore Stone Laboratory Library
1735 Neil Avenue
Columbus, Ohio 43210
Marine Biology, Water Pollution, Fishes

U.S. PUBLIC HEALTH SERVICE
ROBERT A. TAFT SANITARY ENGINEERING CENTER LIBRARY
4676 Columbia Parkway
Cincinnati, Ohio 45226 (513) 871-1820
Water Pollution

UNITED STATES STEEL CORPORATION
APPLIED RESEARCH LABORATORY-WIRE PRODUCTS DEVELOPMENT LIBRARY
Wire Avenue
Cleveland, Ohio 44105 (216) 341-5000 X 6103
Corrosion

YOUNGSTOWN SHEET AND TUBE COMPANY RESEARCH LIBRARY
P.O. Box 900
Youngstown, Ohio 44501 (216) 758-6411 X 601
Corrosion

ONTARIO

DEPARTMENT OF FISHERIES - DEPARTMENTAL LIBRARY
Sir Charles Tupper Building
Riverside Drive
Ottawa, Ontario, Canada
Fisheries

DEPARTMENT OF LANDS AND FORESTS
RESEARCH BRANCH LIBRARY
Southern Research Station
Maple, Ontario, Canada 889-1171 X 261
Fisheries

DEPARTMENT OF PLANNING AND DEVELOPMENT LIBRARY
454 University Avenue
Toronto, Ontario, Canada
Water Resources

DEPARTMENT OF TRANSPORT LIBRARY
Room 473 Hunter Building
Ottawa, Ontario, Canada
Marine Engineering

FISHERIES RESEARCH BOARD OF CANADA
BIOLOGICAL STATION LIBRARY
Old Dominion Building
Sault Sainte Marie, Ontario, Canada
Fisheries

FISHERIES RESEARCH BOARD OF CANADA
BIOLOGICAL STATION AND TECHNOLOGICAL UNIT LIBRARY
539 Richmond Street
London, Ontario, Canada 438-4183
Freshwater Biology

LAKEHEAD UNIVERSITY LIBRARY
Oliver Road
Port Arthur, Ontario, Canada
Inland Transportation

NATIONAL RESEARCH COUNCIL
NATIONAL SCIENCE LIBRARY
Aeronautical Library Branch
Montreal Road
Ottawa, Ontario, Canada 993-2757
Marine Engineering

ONTARIO WATER RESOURCES COMMISSION LIBRARY
801 Bay Street
Toronto, Ontario, Canada 248-3048
Water Pollution

ROYAL ONTARIO MUSEUM LIBRARY
Royal Ontario Museum
100 Queens Park
Toronto 5, Ontario, Canada
Fishes

UNIVERSITY OF TORONTO

Great Lakes Institute Library
Ramsay Wright Building
Toronto, Ontario, Canada 928-3492
Fisheries, Fishes, Limnology, Oceanography

WISCONSIN

AQUARIUM RESEARCH AND EXPERIMENTAL SOCIETY LIBRARY
Box 5142
Milwaukee, Wisconsin 53204 (414) 3-0483
Fishes

MILWAUKEE PUBLIC LIBRARY
814 West Wisconsin Avenue
Milwaukee, Wisconsin (414) 276-7578
Shipping, Shipbuilding

SULPHITE PULP MANUFACTURING RESEARCH LEAGUE LIBRARY
P. O. Box 436
Appleton, Wisconsin 54911 (414) 737-9251
Water Pollution

U. S. FISH AND WILDLIFE SERVICE
FISH CONTROL LABORATORY LIBRARY
Bureau of Sport Fisheries and Wildlife
Fish Control Laboratory
P. O. Box 862
LaCrosse, Wisconsin 54602
Freshwater Biology

UNIVERSITY OF WISCONSIN LIBRARIES
Contact Information Services
Sea Grant Program
1324 West Dayton Street
Madison, Wisconsin 53706 (608) 262-7980

III. SELECTED NATIONAL LIBRARIES WITH SPECIALIZED COLLECTIONS IN THE AREA OF MARINE STUDIES

SCRIPPS INSTITUTION OF OCEANOGRAPHY LIBRARY
University of California, San Diego
La Jolla, California 92038 (714) 453-2000 X 1182
Oceanography, Marine Biology

U. S. DEPARTMENT OF THE INTERIOR LIBRARY
Interior Building
C Street, N.W.
Washington, D.C.
Commercial Fishing

U. S. NAVAL OCEANOGRAPHIC OFFICE RESEARCH LIBRARY
Washington, D.C. 20390 (202) 736-2700
Marine Sciences, Oceanography

U. S. NAVAL OCEANOGRAPHIC OFFICE
NATIONAL OCEANOGRAPHIC DATA CENTER
Navy Yard Annex
Washington, D.C. 20390 (202) 698-3757
Oceanography

WOODS HOLE OCEANOGRAPHIC INSTITUTION DOCUMENT LIBRARY
Woods Hole, Masschusetts 02543 (202) 548-1400 X 269
Oceanography, Marine Biology

WORLD DATA CENTER A - OCEANOGRAPHY
Building 160, Second and North Streets, S.E.
Washington, D.C. 20390 (202) 698-3753
Oceanography

MARINE LABORATORIES AND CENTERS

MARINE LABORATORIES AND CENTERS

I. University of Wisconsin

CENTER FOR GREAT LAKES STUDIES

University of Wisconsin-Milwaukee
Milwaukee, Wisconsin 53201 (414) 228-4405

Director: C. H. Mortimer

General Purpose: To contribute, through research and education, to a better understanding of the physical, chemical, and biological processes occurring in the Great Lakes. Part of this effort is directed towards fundamental scientific research, while the remainder is devoted to present and potential resources and their utilization.

COLLEGE OF ENVIRONMENTAL SCIENCES

University of Wisconsin-Green Bay
Green Bay, Wisconsin 54301 (414) 435-3211

Coordinator of Marine Programs: Paul E. Sager

General Purpose: To provide support in a broad range of water related areas within the framework of the ecosystem, one primary area of which is that of water resources.

LABORATORY OF LIMNOLOGY

University of Wisconsin-Madison
Madison, Wisconsin 53706 (608) 262-3304

Director: Arthur D. Hasler

General Purpose: To support an integrated program of research and teaching in the fields of physical and biological limnology. Physiology of fishes, fisheries biology, effects of heated effluent water on the ecology of fishes and fish food organisms, and the ecology of

such fishes as the coho salmon, bluegill, brook trout, and walleye in Northern Wisconsin lakes and streams, are projects of major interest.

MARINE STUDIES CENTER

University of Wisconsin-Madison
1225 West Dayton Street
Madison, Wisconsin 53706 (608) 262-1585

Director: Robert A. Ragotzkie

General Purpose: To coordinate the marine related research activities on the Madison campus. These activities fall into three categories: marine science research, ocean engineering, and general studies involving social sciences aspects of marine resources.

INSTRUMENTATION SYSTEMS CENTER

See this entry in the Reference and Referral Section

WATER RESOURCES CENTER

See this entry in the Reference and Referral Section

II. Other Centers and Laboratories in the Great Lakes Region

ILLINOIS

AMERICAN MEDICAL ASSOCIATION
Department of Environmental Health
535 North Dearborn Street
Chicago, Illinois 60610
Water Pollution

AMERICAN PUBLIC WORKS ASSOCIATION
1313 East 60th Street
Chicago, Illinois 60637
Water Conservation, Water Pollution

AMERICAN SOCIETY OF PLANNING OFFICIALS
1313 East 60th Street
Chicago, Illinois 60637
Water Resources

AMERICAN WATER RESOURCES ASSOCIATION
P. O. Box 434
905 West Fairview
Urbana, Illinois 61801
Limnology, Hydrobiology

CONTINENTAL CAN COMPANY, INC.
Chicago, Illinois
Fresh Marine Food Products, Clostridium Botulinum Type E.

CHICAGO DEPARTMENT OF WATER AND SEWER
Room 404, City Hall
Chicago, Illinois 60602
Water Pollution

COOPERATIVE FISHERIES RESEARCH LABORATORY (Southern Illinois University)
Carbondale, Illinois 62901 (618) 453-2532
Aquaculture, Fisheries, Parasitology of Fishes

CLAY PRODUCTS ASSOCIATION
P. O. Box 172
217 North Northwest Highway
Barrington, Illinois 60010
Water Pollution

ILLINOIS DEPARTMENT OF CONSERVATION
Division of Fisheries, Central Area Fisheries Headquarters
Room 102, State Office Building
400 South Spring Street
Springfield, Illinois 62700
Water Pollution

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
Division of Sanitary Engineering
State Office Building
Springfield, Illinois 62700
Water Pollution

ILLINOIS DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
Division of Waterways
201 West Monroe Street
Springfield, Illinois 62706
Lakes

ILLINOIS INSTITUTE OF TECHNOLOGY RESEARCH INSTITUTE
10 West 35th Street
Chicago, Illinois (312) 255-9630
Water Pollution, Marine Foods

ILLINOIS STATE GEOLOGICAL SURVEY
Natural Resources Building
Urbana, Illinois 61801
Sediments in Lake Michigan

IZAAK WALTON LEAGUE OF AMERICA
1326 Waukegan Road
Glenview, Illinois 60025
Water Conservation, Water Pollution

PINE HILLS FIELD STATION (Southern Illinois University)
Carbondale, Illinois 62901 (618) 453-2500
Limnology

SOUTHERN ILLINOIS UNIVERSITY
See Cooperative Fisheries Research Laboratory and
Pine Hills Field Station

UNIVERSITY OF CHICAGO
Department of the Geophysical Sciences
Chicago, Illinois 60637
Physical and Biological Oceanography

UNIVERSITY OF ILLINOIS

Engineering Experiment Station
Urbana, Illinois 61801 (217) 333-2152
Water Resources

Illinois Natural History Survey
Natural Resources Building
Urbana, Illinois 61801 (217) 333-3211
Marine Fauna, Marine Flora, Fisheries

Illinois State Water Survey
Water Resources Building
Urbana, Illinois 61801 (217) 333-2210
Water Resources

Water Resources Center
203 Civil Engineering Hall
Urbana, Illinois 61803 (217) 333-0536
Water Resources

INDIANA

BUEHLER CORPORATION
9000 Precision Drive
Indianapolis, Indiana 46236
Transmission Systems for Water Vehicles

DAVID WORTH DENNIS BIOLOGICAL STATION(Earlham College)
Syracuse, Indiana 46567
Limnology

INDIANA DEPARTMENT OF NATURAL RESOURCES
Division of Water, Room 606 State Office Building
100 North Senate Avenue
Indianapolis, Indiana 46204
Water Supply, Water Pollution

INDIANA STREAM POLLUTION CONTROL BOARD
Board of Health Building
1330 West Michigan Street
Indianapolis, Indiana 46207
Water Quality, Water Pollution

INDIANA UNIVERSITY

Indiana Aquatic Research Unit
Bloomington, Indiana 47401 (812) 337-3470
Fishes, Marine Biology

Indiana University Biological Station
Columbia City, Indiana 46725
Fishes, Marine Biology, Limnology

Water Resources Research Center
1005 East 10th Street
Bloomington, Indiana 47405 (812) 337-3848
Water Resources, Thermal Pollution

PURDUE UNIVERSITY

Water Resources Research Center
Lafayette, Indiana 47907
Water Resources

WINONA LAKE BIOLOGICAL STATION
Winona Lake, Indiana 46590
Fishes, Limnology

MICHIGAN

BENDIX CORPORATION
Southfield, Michigan 48075
Underwater Acoustics

DETROIT DEPARTMENT OF PUBLIC WORKS
528 City-County Building
Detroit, Michigan 48226
Water Pollution

GREAT LAKES COMMISSION
5104 1st Building, North Campus
Ann Arbor, Michigan 48105
Water Resources, Water Pollution

INSTITUTE FOR FISHERIES RESEARCH
Michigan Department of Conservation
Museums Annex
Ann Arbor, Michigan 48104 (313) 663-0222
Fishes, Fisheries

MICHIGAN GEOLOGICAL SURVEY
Department of Natural Resources
Stevens T. Mason Building
Lansing, Michigan 48926
Water Conservation, Water Pollution, Freshwater Science

MICHIGAN STATE UNIVERSITY

Department of Fisheries and Wildlife
East Lansing, Michigan 48824
Fishes, Marine Biology, Limnology, Fisheries

Institute of Water Research
East Lansing, Michigan 48823 (517) 355-2180
Water Resources, Oceanography, Limnology, Fisheries

W. K. Kellogg Biological Station
Route 1
Hickory Corners, Michigan 49060 (616) 629-9753
Limnology, Aquatic Sciences

UNIVERSITY OF MICHIGAN

Biological Laboratory
1220 East Washington Street
Ann Arbor, Michigan 48103
Fisheries, Fauna, Flora, Limnology

Biological Station
Douglas Lake
Pellston, Michigan 49769
Limnology

Department of Wildlife and Fisheries
Ann Arbor, Michigan 48104
Aquaculture, Fisheries, Fish Physiology and Behavior, Marine Biology

Great Lakes Research Division, Institute of Science and Technology
Ann Arbor, Michigan 48104 (312) 761-2420
Water Resources, Great Lakes Region

Museum of Zoology
University Museums Building
Ann Arbor, Michigan 48104 (313) 764-0476
Fishes

WATER RESOURCES COMMISSION
Bureau of Water Management
Department of Natural Resources, Mason Building
Lansing, Michigan 48926
Water Resources

MINNESOTA

MINNESOTA DIVISION OF GAME AND FISH
Department of Conservation
390 Centennial Office Building
St. Paul, Minnesota 55101
Fisheries, Aquatic Plants

QUETICO-SUPERIOR WILDERNESS RESEARCH CENTER
Box 479
Ely, Minnesota 55731
Freshwater Biology

UNIVERSITY OF MINNESOTA

Fisheries Research Laboratory
University Farm
St. Paul, Minnesota 55101
Fisheries, Fishes, Aquatic Ecology

Lake Itasca Forestry and Biological Station
Lake Itasca Post Office, Minnesota 56460
Limnology (218) 266-3302

Limnological Research Center
Pillsbury Hall
Minneapolis, Minnesota 55455 (612) 373-3379
Limnology

Minnesota Museum of Natural History
17th and University Avenue, S.E.
Minneapolis, Minnesota 55455 (612) 373-2423
Fishes

Water Resources Research Center
Pillsbury Hall
Minneapolis, Minnesota 55455 (612) 373-5168
Water Resources

OHIO

AMERICAN SOCIETY OF SANITARY ENGINEERING
228 Standard Building
Cleveland, Ohio 44113
Water Pollution

BATTELLE MEMORIAL INSTITUTE
505 King Avenue
Columbus, Ohio 43201
Marine Technology, Ocean Sciences

CLEVELAND CLIFFS IRON COMPANY
Cleveland, Ohio
Marine Boilers

COLUMBUS WATER AND CHEMICAL TESTING LABORATORY
4628 Indianola Avenue
Columbus, Ohio 43234
Water Pollution

OHIO DEPARTMENT OF NATURAL RESOURCES
Division of Geological Survey
1207 Grandview Avenue
Columbus, Ohio 43212
Water Pollution

OHIO STATE UNIVERSITY

Franz Theodore Stone Laboratory
1735 Neil Avenue
Columbus, Ohio 43210 (614) 293-6305
Limnology, Fishes, Aquatic Physiology

Natural Resources Institute
124 West 17th Avenue
Columbus, Ohio 43210 (614) 293-2265
Fisheries, Water Pollution

Ohio Cooperative Fishery Unit
1735 Neil Avenue
Columbus, Ohio 43210 (614) 293-6708
Aquatic Biology, Fisheries

Water Resources Center
1791 Neil Avenue
Columbus, Ohio 43210
Water Resources

OHIO VALLEY IMPROVEMENT ASSOCIATION INC.
4017 Carew Tower
Cincinnati, Ohio 45202
Inland Waterways, Water Supply

ONTARIO

BARRINGER RESEARCH LIMITED
Rexdale, Ontario (Canada)
Remote Sensing, Fish and Mineral Oil Slicks

QUEENS UNIVERSITY
Biological Station
Kingston, Ontario (Canada)
Limnology

UNIVERSITY OF TORONTO

Great Lakes Institute
Toronto 5, Ontario (Canada) (416) 928-2995
Great Lakes, Fishes, Fauna, Limnology, Marine Geology, Oceanography

Laboratory of Experimental Limnology
Southern Research Station
Maple, Ontario (Canada)
Aquatic Biology, Limnology, Fisheries

Ontario Fisheries Research Group
Department of Zoology
Toronto 5, Ontario (Canada)
Fishes, Limnology, Plankton

Royal Ontario Museum
100 Queens Park
Toronto 5, Ontario (Canada) (416) 928-2011
Fishes

WISCONSIN

AMERICAN SOCIETY OF AGRONOMY
677 South Segoe Road
Madison, Wisconsin 53711
Water Conservation, Water Pollution

ASSOCIATION OF CONSERVATION ENGINEERS
Wisconsin Department of Natural Resources
Box 450
Madison, Wisconsin 53701
Water Conservation, Water Pollution

DEPARTMENT OF NATURAL RESOURCES
Box 450
Madison, Wisconsin 53701
Fisheries, Limnology, Water Resources

INSTITUTE OF PAPER CHEMISTRY
P. O. Box 1048
Appleton, Wisconsin 54911
Thermal and Industrial Pollution

UNIVERSITY OF WISCONSIN - See Section I

WISCONSIN DEPARTMENT OF RESOURCE DEVELOPMENT
State Office Building
Madison, Wisconsin 53702
Water Pollution

WISCONSIN STATE UNIVERSITY - STEVENS POINT

Water Pollution Research Center
Stevens Point, Wisconsin 54481
Water Pollution

III. Selected National Marine Centers and Laboratories

BUREAU OF COMMERCIAL FISHERIES-OCEANOGRAPHY CENTER
P. O. Box 271
La Jolla, California 92037
Fishery Resources

CHAMBER OF COMMERCE IN THE UNITED STATES
Community Regional Natural Resources Development Group
1615 H. Street, N.W.
Washington, D. C. 20006
Water Conservation, Water Pollution

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
Washington, D. C. 20242
Water Pollution

NATIONAL OCEANOGRAPHIC INSTRUMENTATION CENTER
Washington, D. C. 20390
Oceanographic Instruments

SCRIPPS INSTITUTION OF OCEANOGRAPHY (University of California at San Diego)
P. O. Box 109
La Jolla, California 92037 (714) 453-2000
Oceanography, Marine Sciences

WOODS HOLE OCEANOGRAPHIC INSTITUTION
Woods Hole, Massachusetts 02543 (617) 548-1400
Oceanography